Project Title	Funding	Strategic Plan Objective	Institution
Infrastructure support for autism research at MIT	$1,500,000	Other	Massachusetts Institute of Technology
Keystone Symposia on Molecular and Cellular Biology	$25,000	Other	Keystone Symposia on Molecular and Cellular Biology
Mindspec, Inc.	$619,200	Other	Mindspec, Inc.
Prometheus Research, LLC	$4,878,022	Other	Prometheus Research, LLC
MEG Scanner at Martinos Imaging Center, McGovern Institute	$250,000	Other	Massachusetts Institute of Technology
Oxytocin biology and the social deficits of autism spectrum disorders	$150,000	Q1.L.A	Stanford University
Misregulation of BDNF in autism spectrum disorders	$150,000	Q1.L.A	Weill Cornell Medical College
Model diagnostic lab for infants at risk for autism	$1,989,796	Q1.L.A	Yale University
Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"	$270,000	Q1.L.A	University of North Carolina at Chapel Hill
Signatures of gene expression in autism spectrum disorders	$150,000	Q1.L.A	Children's Hospital Boston
Electrophysiological, metabolic and behavioral markers of infants at risk	$92,397	Q1.L.A	Children's Hospital Boston
Language learning in autism	$149,545	Q1.L.C	Georgetown University
Prosodic and pragmatic processes in highly verbal children with autism	$37,500	Q1.L.C	President & Fellows of Harvard College
Characterizing ASD phenotypes by multimedia signal and natural language processing	$65,726	Q1.L.C	Columbia University
Autism dysmorphology measure validity study	$47,958	Q1.S.A	University of Missouri
Quantitative analysis of craniofacial dysmorphology in autism	$68,688	Q1.S.A	University of Massachusetts Medical School
A study of autism	$108,701	Q2.L.B	University of Pennsylvania
Autism spectrum disorders and the visual analysis of human motion	$250,000	Q2.Other	Rutgers, The State University of New Jersey
Neural mechanisms for social cognition in autism spectrum disorders	$229,730	Q2.Other	Massachusetts Institute of Technology
Testing neurological models of autism	$315,526	Q2.Other	California Institute of Technology
Brain circuitry in simplex autism	$187,500	Q2.Other	Washington University in St. Louis
Testing the effects of cortical disconnection in non-human primates	$150,000	Q2.Other	The Salk Institute for Biological Studies
A non-human primate autism model based on maternal infection	$446,873	Q2.S.A	California Institute of Technology
Regulation of inflammatory Th17 cells in autism spectrum disorder	$150,000	Q2.S.A	New York University School of Medicine
A sex-specific dissection of autism genetics	$75,000	Q2.S.B	University of California, San Francisco
Mouse models of human autism spectrum disorders: Gene targeting in specific brain regions	$100,000	Q2.S.D	University of Texas Southwestern Medical Center
Connectopathic analysis of autism	$78,150	Q2.S.D	Harvard University

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Coordinated control of synapse development by autism-linked genes	$75,000	Q2.S.D	University of Texas Southwestern Medical Center
Probing a monogenic form of autism from molecules to behavior	$187,500	Q2.S.D	Stanford University
Cellular and molecular alterations in GABAergic inhibitor circuits by mutations in MeCP2	$441,032	Q2.S.D	Cold Spring Harbor Laboratory
Aberrant synaptic function caused by TSC mutation in autism	$173,726	Q2.S.D	Columbia University
The brain genomics superstruct project	$75,000	Q2.S.G	President & Fellows of Harvard College
Longitudinal neurogenetics of atypical social brain development in autism	$292,163	Q2.S.G	Yale University
Language processing in children with 22q11 deletion syndrome and autism	$120,000	Q2.S.G	Emory University
Integrative genetic analysis of autistic brains	$200,000	Q3.L.B	Johns Hopkins University School of Medicine
Studies of postmortem brain searching for epigenetic defects causing autism	$400,000	Q3.L.B	Baylor College of Medicine
Simons Simplex Collection Site	$445,176	Q3.L.B	University of Washington
The role of contactin-associated protein-like 2 (CNTNAP2) and other novel genes in autism	$464,601	Q3.L.B	Johns Hopkins University School of Medicine
Genome-wide analyses of DNA methylation in autism	$400,000	Q3.L.B	Massachusetts General Hospital
Simons Simplex Collection Site	$112,500	Q3.L.B	Washington University in St. Louis
Rutgers, The State University of New Jersey	$4,729,271	Q3.L.B	Rutgers, The State University of New Jersey
Simons Simplex Collection Site	$332,923	Q3.L.B	University of Illinois at Chicago
Comprehensive follow-up of novel autism genetic discoveries	$289,026	Q3.L.B	Massachusetts General Hospital
Simons Simplex Collection Site	$30,000	Q3.L.B	University of Massachusetts Medical School
Genomic hotspots of autism	$232,692	Q3.L.B	University of Washington
Autism and the insula: Genomic and neural circuits	$368,570	Q3.L.B	California Institute of Technology
A genome-wide search for autism genes in the Simons Simplex Collection	$3,862,333	Q3.L.B	Yale University
Simons Simplex Collection Site	$487,500	Q3.L.B	Vanderbilt University
Simons Simplex Collection Site	$550,246	Q3.L.B	Children's Hospital Boston
Recessive genes for autism and mental retardation	$293,376	Q3.L.B	Beth Israel Deaconess Medical Center
Comprehensive genetic variation detection to assess the role of the X chromosome in autism	$1,019,797	Q3.L.B	Emory University
Genetic basis of autism	$6,380,872	Q3.L.B	Cold Spring Harbor Laboratory
Analysis of candidate genes derived from a protein interaction network in SSC samples	$987,318	Q3.L.B	Baylor College of Medicine

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Simons Simplex Collection Site	$516,952	Q3.L.B	The Research Institute of the McGill University Health Centre
Simons Simplex Collection Site	$654,489	Q3.L.B	University of California, Los Angeles
Identification of aberrantly methylated genes in autism: The role of advanced paternal age	$499,780	Q3.L.B	Research Foundation for Mental Hygiene, Inc.
A recurrent genetic cause of autism	$400,000	Q3.L.B	Massachusetts General Hospital
Simons Simplex Collection Site	$815,728	Q3.L.B	Yale University
Simons Simplex Collection Site	$437,339	Q3.L.B	Baylor College of Medicine
Simons Simplex Collection Site	$461,365	Q3.L.B	Emory University
Autism and SNPs in the IGF pathway	$112,500	Q3.L.B	Princeton University
Simons Simplex Collection Site	$1,300,730	Q3.L.B	University of Michigan
Relevance of NPAS1/3 balance to autism and schizophrenia	$356,840	Q3.L.B	University of Texas Southwestern Medical Center
Simons Simplex Collection Site	$379,000	Q3.L.B	University of Missouri
Identifying and understanding the action of autism susceptibility genes	$204,810	Q3.L.B	University of Oxford
Illumina, Inc.	$1,578,591	Q3.L.B	Illumina, Inc.
Simons Simplex Collection Site	$150,500	Q3.L.B	Columbia University
Role of TSC/mTOR signaling pathway in autism and autism spectrum disorders	$172,825	Q3.L.B	Massachusetts General Hospital
Genetics and gene-environment interactions in a Korean epidemiological sample of autism	$74,692	Q3.S.C	Yale University
Executive functioning, theory of mind, and neurodevelopmental outcomes	$118,007	Q4.L.B	Vanderbilt University Medical Center
Using iPS cells to study genetically defined forms with autism	$100,000	Q4.S.B	Stanford University
Role of UBE3A in neocortical plasticity and function	$490,000	Q4.S.B	Duke University
Perturbed activity-dependent plasticity mechanisms in autism	$301,444	Q4.S.B	Harvard Medical School
Mice lacking Shank postsynaptic scaffolds as an animal model of autism	$253,848	Q4.S.B	Massachusetts Institute of Technology
Using zebrafish and chemical screening to define function of autism genes	$395,497	Q4.S.B	Whitehead Institute for Biomedical Research
Function and dysfunction of neuroligins	$498,885	Q4.S.B	Stanford University
Neural and cognitive mechanisms of autism	$1,500,000	Q4.S.B	Massachusetts Institute of Technology
Regulation of synaptogenesis by cyclin-dependent kinase 5	$325,889	Q4.S.B	Massachusetts Institute of Technology
Integrated approach to the neurobiology of autism spectrum disorders	$115,446	Q4.S.B	Yale University

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Functional analysis of neurexin IV in Drosophila	$57,210	Q4.S.B	University of California, Los Angeles
Synaptic and circuitry mechanisms of repetitive behaviors in autism	$400,000	Q4.S.B	Massachusetts Institute of Technology
The integration of interneurons into cortical microcircuits	$37,500	Q4.S.B	New York University School of Medicine
Functional genomic dissection of language-related disorders	$78,585	Q4.S.B	University of Oxford
The role of CNTNAP2 in embryonic neural stem cell regulation	$75,000	Q4.S.B	Johns Hopkins University School of Medicine
Genomic imbalances at the 22q11 locus and predisposition to autism	$400,000	Q4.S.B	Columbia University
A proposal to define cells and circuits impacted in autism spectrum disorders	$162,544	Q4.S.B	The Rockefeller University
Neurexin-neuroligin trans-synaptic interaction in learning and memory	$200,000	Q4.S.B	Columbia University
Investigation of the role of MET kinase in autism	$488,411	Q4.S.B	Johns Hopkins University School of Medicine
Role of Wnt signaling in forebrain development, synaptic physiology, and mouse behavior	$70,041	Q4.S.B	University of California, San Francisco
The role of SHANK3 in autism spectrum disorders	$360,000	Q4.S.B	Mount Sinai School of Medicine
Role of a novel Wnt pathway in autism spectrum disorders	$150,000	Q4.S.B	University of California, San Francisco
Behavioral and physiological consequences of disrupted Met signaling	$400,000	Q4.S.B	University of Southern California
Using Drosophila to model the synaptic function of the autism-linked NHE9	$75,000	Q4.S.B	Massachusetts Institute of Technology
Novel models to define the genetic basis of autism	$545,463	Q4.S.B	Cold Spring Harbor Laboratory
Systematic analysis of neural circuitry in mouse models of autism	$75,432	Q4.S.B	Cold Spring Harbor Laboratory
Dysregulation of PI3K/AKT in social interaction deficits and autism spectrum disorders with macrocephaly	$81,630	Q4.S.B	University of Texas Southwestern Medical Center
The mirror neuron system in children with autism	$118,156	Q4.S.F	University of Washington
2009 International Meeting for Autism Research (IMFAR)	$50,000	Q7.K	International Society for Autism Research